



Appendix I. T-HERPS Output

Artichokes

Upper Bound Kenaga Residues For RQ Calculation	
Chemical Name:	Propyzamide
Use	Artichoke
Formulation	Propyzamide
Application Rate	4.08 lbs a.i./acre
Half-life	35 days
Application Interval	120 days
Maximum # Apps./Year	2
Length of Simulation	1 year

Acute and Chronic RQs are based on the Upper Bound Kenaga Residues.

The maximum single day residue estimation is used for both the acute and reproduction RQs.

RQs reported as "0.00" in the RQ tables below should be noted as <0.01 in your assessment. This is due to rounding and significant figure issues in Excel.

Endpoints			
Avian	Bobwhite quail	LD50 (mg/kg-bw)	8870.00
	Bobwhite quail	LC50 (mg/kg-diet)	10000.00
	Bobwhite quail	NOAEL (mg/kg-bw)	267.00
	Bobwhite quail	NOAEC (mg/kg-diet)	20.00

Dietary-based EECs (ppm)	Kenaga
	Values
Short Grass	1070.14
Tall Grass	490.48
Broadleaf plants/sm Insects	601.96
Fruits/pods/seeds/lg insects	66.88
Small herbivore mammals	705.16
Small insectivore mammals	44.07
Small terrestrial phase amphibians	20.89

Terrestrial Herpetofauna Results

Weight Class	Body Weight (g)	Ingestion (Fdry) (g bw/day)	Ingestion (Fwet) (g/day)	% body wgt consumed	FI (kg-diet/day)
Small	1.4	0.017	0.1	3.9	5.44E-05
Mid	37	0.212	1.4	3.8	1.41E-03
Large	238	0.893	6.0	2.5	5.96E-03

Body Weight (g)	Adjusted LD50 (mg/kg-bw)
1.4	8870.00
37	8870.00
238	8870.00

Dose-based EECs (mg/kg-bw)	Herpetofaunal Size Classes and Body Weights		
	small (g)	mid (g)	large (g)
	1.4	37	238
Short Grass	41.58	40.86	26.78
Tall Grass	19.06	18.73	12.27
Broadleaf plants/sm Insects	23.39	22.98	15.06
Fruits/pods/seeds/lg insects	2.60	2.55	1.67
Small herbivore mammals	N/A	667.05	103.70
Small insectivore mammals	N/A	41.69	6.48
Small terrestrial phase amphibian	N/A	0.80	0.52

Dose-based RQs (Dose-based EEC/adjusted LD50)	Amphibian/Reptile Acute RQs for Small, Medium, and Large Species (grams)		
	1.4	37	238
Short Grass	0.00	0.00	0.00
Tall Grass	0.00	0.00	0.00
Broadleaf plants/sm insects	0.00	0.00	0.00
Fruits/pods/seeds/lg insects	0.00	0.00	0.00
Small herbivore mammals	N/A	0.08	0.01
Small insectivore mammals	N/A	0.00	0.00
Small terrestrial phase amphibian	N/A	0.00	0.00

Dietary-based RQs (Dietary-based EEC/LC50 or	RQs	
	Acute	Chronic
Short Grass	0.11	53.51
Tall Grass	0.05	24.52
Broadleaf plants/sm Insects	0.06	30.10
Fruits/pods/seeds/lg insects	0.01	3.34
Small herbivore mammals	0.07	35.26
Small insectivore mammals	0.00	2.20
Small terrestrial phase amphibian	0.00	1.04

Note: To provide risk management with the maximum possible information, it is recommended that both the dose-based and concentration-based RQs be calculated when data are available